Javascript data types:

Javascript has many data types like numbers,strings,objects,booleans and more.

```
var length = 16;                          // Number

var lastName = "Johnson";                 // String

var x = {firstName:"John", lastName:"Doe"};    // Object
```

In programming, data types are an important concept.To be able to operate on variables, it is important to know something about the type.

Without data types, a computer cannot safely solve this:

```
var x = 16 + "Volvo";
```

Javascript arrays:

JavaScript arrays are written with square brackets.Array items are separated by commas.The following code declares (creates) an array called cars, containing three items (car names):

```
var cars = ["Saab", "Volvo", "BMW"];
```

```
⊗ Failed to load resource: net::ERR_FAILED                    search-suggestions.js:1
>  var length = 16;
← undefined
>  var cars = ["Saab", "Volvo", "BMW"];
← undefined
>  cars
← ▼(3) ["Saab", "Volvo", "BMW"] ⓘ
       0: "Saab"
       1: "Volvo"
       2: "BMW"
       length: 3
     ▶ __proto__: Array(0)
```

JavaScript Objects

JavaScript objects are written with curly braces {}.Object properties are written as name:value pairs, separated by commas.

var person = {firstName:"John", lastName:"Doe", age:50, eyeColor:"blue"};

```
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⊗ Failed to load resource: net::ERR_FAILED                    search-suggestions.js:1
>  var person = {firstName:"John", lastName:"Doe", age:50, eyeColor:"blue"};
← undefined
>  person
← ▼{firstName: "John", lastName: "Doe", age: 50, eyeColor: "blue"} ⓘ
       age: 50
       eyeColor: "blue"
       firstName: "John"
       lastName: "Doe"
     ▶ __proto__: Object
```